

PATENT  
TH1843 02 (US)  
DFH:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )

KIRK H. RANEY, EDWIN E. TUCKER, JOHN F. SCAMEHORN, )  
SHERRIL D. CHRISTIAN (Deceased), STEPHEN F. CAPPS, )  
and LEONARD M. HABERMAN )

This is a division of Serial No. 09/949,746 which was )  
filed September 10, 2001 )

SYSTEM AND METHOD FOR ECONOMICALLY VIABLE )  
AND ENVIRONMENTALLY FRIENDLY CENTRAL )  
PROCESSING OF HOME LAUNDRY )

November 19, 2003

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

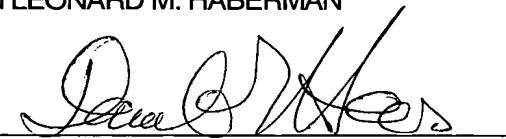
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Copies of the referenced documents are not provided since they were previously submitted to the Office in the parent application, Serial No. 09/949,746 filed September 10, 2001.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

KIRK H. RANEY, EDWIN E. TUCKER, JOHN F. SCAMEHORN,  
SHERRIL D. CHRISTIAN (Deceased), STEPHEN F. CAPPS,  
and LEONARD M. HABERMAN

By



Their Attorney, Donald F. Haas  
Registration No. 26,177  
(713) 241-3356

P.O. Box 2463  
Houston, Texas 77252-2463

FORM PTO-1449 (Modified)  LIST OF INFORMATION PROVIDED BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. TH1843 02 (US)	APPLICATION NUMBER
	APPLICANT K. H. Raney et al.	
	FILING DATE	GROUP ART UNIT

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,307,650	5/3/94	Mertz	68	12.12	
	AB	5,868,937	2/9/99	Back et al.	210	651	
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS								
		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AH	WO 96/35641	11/14/96	World	C02F	1/44		X
	AI	WO 97/24422	7/10/97	World	C11D	1/825		X
	AJ	WO 97/23415	7/3/97	World	C02F	1/44		X
	AK	WO 98/59025	12/30/98	World	C11D	1/83		X
	AL	WO 98/32908	7/30/98	World	D06F	39/00		X
	AM	WO 99/06817	2/11/99	World	G01N	15/08		X
	AM	0,578,006 A1	1/12/94	Europe	D06F	39/00		
	AO	0,467,028 A1	1/22/92	Europe	C02F	1/44		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
AR	"Separation of an Anionic Surfactant by Nanofiltration," by Antonio C. Archer, Adelio M. Mendes, and Rui A. R. Boaventura, <u>Environ. Sci. Technol.</u> , 1999, 33, pp.2758-2764	
AS	"Membrane Ultrafiltration to Treat Laundry Wastes and Shower Wastes for Water Reuse," by Robert B. Grieves, Dibakar Bhattacharyya, and J. W. Paul, <u>Intersociety Conference on Environmental Systems</u> , Seattle, Washington, July 29-August 1, 1974, pp. 1-10	
AT	"Recovery of Surfactant from Micellar-Enhanced Ultrafiltration Using a Precipitation Process," by B. Wu, S. D. Christian, and J. F. Scamehorn, <u>Progr. Colloid. Polym. Sci.</u> , Vol. 109, 1998, pp. 60-73	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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REFERENCE DESIGNATION								U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate								
	BA														
	BB														
	BC														
	BD														
	BE														
	BF														
	BG														
	BH														

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	BJ	3,513,939 A1	12/5/85	Germany	D06F	35/00	X	
	BK	0,845,555 A1	6/3/98	Europe	D06F	39/00		
	BL	2,672,043	7/31/92	France	C02F	1/44	X	
	BM	197 09 085 A1	11/20/97	Germany	D06F	23/00	X	
	BN	3513940 A1	12/5/85	Germany	D06F	95/00	X	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
	BR	International Search Report of 18 June 2002
	BS	
	BT	

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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